

Response to Office Action
U.S. Application Serial No. 10/773,481

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A fuel supply containing fuel adapted to be connected to [[a]] any of a plurality of host devices, wherein the fuel supply comprises ~~a front face~~ and at least one functional element, wherein the at least one functional element is positioned relative to a datum origin defined on the ~~front face of~~ fuel supply, wherein when the fuel supply is connected to any of the plurality of host devices, ~~the front face is positioned opposite to a corresponding face on the host device and the datum origin matches a matching datum origin on the corresponding face of the host device and the~~ at least one functional element is connected to a corresponding connection on the host device, and wherein the datum origin facilitates interchangeability of the fuel supply with respect to the plurality of host devices.
2. (Original) The fuel supply of claim 1, wherein at least one of the host devices is an electronic device powered by a fuel cell.
3. (Original) The fuel supply of claim 1, wherein at least one of the host devices is a fuel cell.
4. (Original) The fuel supply of claim 1, wherein at least one of the host devices is a charger.
5. (Currently amended) The fuel supply of claim 1, wherein the at least one functional element is located on ~~the~~ a front face of the fuel supply.
6. (Withdrawn) The fuel supply of claim 1, wherein the at least one functional element is located on a side of the cartridge.
7. (Withdrawn) The fuel supply of claim 1, wherein the at least one functional element is located on a top of the cartridge.
8. (Withdrawn) The fuel supply of claim 1, wherein the at least one functional element is located on a bottom of the cartridge.

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9. (Withdrawn) The fuel supply of claim 1, wherein the at least one functional element is located on a back face of the cartridge.
10. (Currently amended) The fuel supply of claim 1, wherein the front face is substantially flat.
11. (Currently amended) The fuel supply of claim 1, wherein the front face is curved.
12. (Withdrawn) The fuel supply of claim 1, wherein the front face comprises non-planar portions.
13. (Withdrawn) The fuel supply of claim 12, wherein the at least one functional element is located on one of the non-planar portion.
14. (Withdrawn) The fuel supply of claim 12, wherein the non-planar portions are parallel.
15. (Withdrawn) The fuel supply of claim 12, wherein the non-planar portions are non-parallel.
16. (Withdrawn) The fuel supply of claim 1, wherein the at least one functional element coincides with the datum.
17. (Canceled)
18. (Currently amended) The fuel supply of claim 1, wherein the at least one functional element comprises a memory storage device, an electrical connection[[s]], a pneumatic connection[[s]], a sensor[[s]], a fuel filling port, a refill valve, an orientation feature[[s]] or a guide[[s]].
19. (Currently amended) The fuel supply of claim 1, wherein the datum origin comprises a corner datum.

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20. (Withdrawn) The fuel supply of claim 1, wherein the datum comprises a protruding datum.
21. (Withdrawn) The fuel supply of claim 1, wherein the datum comprises a width datum.
22. (Withdrawn) The fuel supply of claim 1, wherein the datum comprises orthogonal datum points.
23. (Withdrawn) The fuel supply of claim 1, wherein the datum comprises a notch datum.
24. (Withdrawn) The fuel supply of claim 23, wherein the notch datum comprises two orthogonal legs.
25. (Withdrawn) The fuel supply of claim 1, wherein the datum comprises a pin datum.
26. (Currently amended) The fuel supply of claim 1, wherein the position of the at least one ~~functioning~~ functional element is measured from the datum origin using a Cartesian coordinate.
27. (Currently amended) The fuel supply of claim 1, wherein the position of the at least one ~~functioning~~ functional element is measured from the datum origin using a spherical or a polar coordinate.
28. (Canceled)
29. (Currently amended) The fuel supply of claim 1, wherein after the fuel supply is connected to any of the host devices, the fuel supply forms a part of an exterior surface of the host device.
30. (Currently amended) The fuel supply of claim 1, wherein after the fuel supply is connected to any of the host devices, the fuel supply does not form a part of an exterior surface of the host device.

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31. (Currently amended) The fuel supply of claim 1, wherein the datum origin is selected to correspond to a specific fuel.

32. (Currently amended) An adapter for connecting a fuel supply to any of a plurality of ~~[[a]]~~ host devices comprising

at least one first functional element positioned on the adapter and adapted to connect ~~configured to be connected~~ to a corresponding first connection positioned on the plurality of host devices, wherein the first functional element is positioned relative to a first datum origin on the adapter and the first datum origin matches a first matching datum origin on the at least one of the plurality of host devices, and

at least one second functional element positioned on the fuel supply and configured to be connected to a corresponding second connection positioned on the adapter.

wherein when the adapter is connected to the fuel supply and at least one of the plurality of host devices, ~~so that~~ a fuel from the fuel supply is transportable to the host device.

33. (Original) The adapter of claim 32, wherein the adapter is connected to the fuel supply by at least one tubing.

34. (Original) The adapter of claim 32, wherein the adapter is connected to the fuel supply by a manifold.

35. (Original) The adapter of claim 32, wherein the adapter is connected to a plurality of fuel supplies, wherein the fuel supplies are in fluid communication with each other.

36. (Canceled)

37. (Currently Amended) A fuel supply containing a fuel and adapted to be connected to ~~[[a]]~~ any of a plurality of host devices, wherein the fuel supply comprises

~~a front face and~~ at least one functional element, wherein the at least one functional element is positioned relative to a functional datum origin defined on the fuel supply,

wherein when the fuel supply is connected to the host device ~~the front face is positioned opposite to a corresponding face on the host device and the~~ functional datum

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origin matches a matching datum origin on the host device and the at least one functional element is connected to corresponding connection on the host device, and

wherein the functional datum origin comprises a memory storage device, an electrical connection[[s]], a pneumatic connection[[s]], a sensor[[s]], a fuel filling port, a refill valve[[s]], an orientation feature or a guide, and

wherein the datum origin facilitates interchangeability of the fuel supply with respect to the plurality of host devices.

38. (New) The fuel supply of claim 1, wherein the datum origin is located on a front face of the fuel supply.